Application

Title	Mr
Initials	ts
Name	tshingombe tshingombe
Email	tshingombefiston@gmail.com
ID/Passport Number	tircgog0091616
Race	African
Gender	Male
Citizenship	Non-South African citizen
Organisation	South African Qualifications Authority (SAQA)
Birth Date	10 October 1982
Date Generated	05 May 2026 14:32

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Student Supervision

Personal Details

CV

Career History

Type
Permanent appointment

Position
engineering electrical

Organisation
enginering electrical

Sector
Higher Education Sector

Is Current
Yes

Appointed From
2025-04-14

Type
Awards and prizes

Sector
Higher Education Sector

Description
saqa award degree diploma

Type
Awards and prizes

Sector
Higher Education Sector

Description
engineering electrical science

Patents

Application Date
2025-04-14

Application Number
520520

Full Title
engineering master doctoral

Grant Date
2025-04-14

Grant Number
520520

Description
engineering rural master doctoral

Inventor

Poster
_____ 4.1 .12.1.Name of thesis : implementation and framework national qualification and national trade examination circulum experimental job theoretical pratical college and govern

Application Type
Continuing Application

Region
South Africa

Status
Granted

Application Date
2025-09-15

Application Number
30

Full Title

AUTHORY: TSHINGOMBE TSHITADI
CURRICULUM

Career Discovery Overview: RNF, AIU, NSF Learning Journey within the National Trade Framework Qualification in Electrical Engineering
Author: Tshingombe Tshitadi Fiston

📘 ABSTRACT

Grant Date
2025-09-15

Grant Number
2

Description

AUTHORY: TSHINGOMBE TSHITADI
CURRICULUM

Career Discovery Overview: RNF, AIU, NSF Learning Journey within the National Trade Framework Qualification in Electrical Engineering
Author: Tshingombe Tshitadi Fiston

📘 ABSTRACT

This paper explores the intersection of career discovery, open-access learning, and credential transparency within the context of electrical engineering. It synthesizes insights from RNF (Recognition of National Frameworks), AIU (Atlantic International University), and NSF (National Science Foundation) initiatives to scaffold a transdisciplinary learning journey aligned with South Africa's National Trade Framework. The study proposes a modular, portfolio-driven approach to vocational education, integrating diagnostics, digital publishing, and global benchmarking.

📌 SCOPE

• Electrical engineering education across formal, informal, and open-access platforms
• Credential alignment with SAQA/NQF, WA codes, and NSF SBIR/STTR frameworks
• Integration of AIU Guest Student modules into national qualification pathways
• Use of LMS, GitHub, and Internet Archive for portfolio documentation and career mapping

OVERVIEW

This work positions career discovery as a dynamic, data-driven process. It examines how learners can navigate trade qualifications through personalized learning paths, diagnostic assessments, and crede

Inventor

AUTHORY: TSHINGOMBE TSHITADI
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📘 ABSTRACT
This paper explores the intersection of career discovery, open-access learning, and credential transparency withiRetail library collections (e.g., CNA, Shoprite) do not include modular casebooks for trade readiness and mentoring, missing a critical opportunity to democratize technical education.”

💡 Tips for Crafting Your Own
• Start with evidence or observation
• Define the gap or deficiency
• Highlight the impact on learners, educators, or institutions
• Point to the need for your specific solution
Would you like help drafting a custom problem statement for a specific funder or proposal section? I can also help you align it with your logic model or theory of change.

Application Type	Region
Continuing Application	South Africa
Status	
Granted	

Full Title

AUTHOR : TSHINGOMBE TSHITADI
CURRICULUM

Career Discovery: Security, Safety, Defense Facilitation, Government Bill Skill Development, CCMA Labour Levy, and Engineering Skill Integration
Author: Tshingombe Tshitadi Fiston
📌 SCOPE
This document investigates the intersection of national security facilitation, labour policy, and engineering skill development. It integrates CCMA labour frameworks, government bill implementatiour

Description

AUTHOR : TSHINGOMBE TSHITADI
CURRICULUM

Career Discovery: Security, Safety, Defense Facilitation, Government Bill Skill Development, CCMA Labour Levy, and Engineering Skill Integration
Author: Tshingombe Tshitadi Fiston

📌 SCOPE

This document investigates the intersection of national security facilitation, labour policy, and engineering skill development. It integrates CCMA labour frameworks, government bill implementation, and vocational engineering diagnostics to support career readiness and systemic reform in technical education.

📝 DESCRIPTION

The framework explores how security and defence-related competencies—such as safety audits, infrastructure diagnostics, and policy facilitation—can be scaffolded into credentialed engineering pathways. It includes analysis of CCMA labour levy systems, government skill development bills, and modular engineering training aligned with SAQA/NQF standards.

OVERVIEW SUMMARY

• Security & Safety: Risk assessment, compliance audits, and infrastructure protection
• Defence Facilitation: Technical support roles in public safety and emergency systems
• Government Bill Skills: Implementation of national training mandates and levy-funded programs
• CCMA Labour Levy: Workforce regulation, dispute resolution, and skill funding mechanisms
• Engineering Skills: Modular diagnostics, signal processing, and infrastructure simulation

This overview supports a transdisciplinary career model that blends policy, diagnostics, and technical education.

📊 DATA ANALYSIS

Domain	Data Source	Key Insights
CCMA Labour	Records	Dispute resolution logs
Skill gaps in regulated sectors		
Government Skill Bills	Legislative archives	Funding allocations and compliance
Safety Audit Reports	Infrastructure diagnostics	Risk mitigation and training needs
Engineering Training Logs	LMS and GitHub CI/CD	Credential mapping and skill indexing

🔍 INVESTIGATION

• Field analysis of CCMA dispute cases and skill levy outcomes
• Review of government bills on vocational training and safety compliance
• Diagnostic mapping of engineering modules to public safety roles
• Integration of security protocols into LMS and credential artifacts

⚖️ ADVANTAGESUIREMENTS (South Africa & UK Cont

Inventor

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Career9f discovery job trade memo lecture learn note.docx 161 KB

Career11tf discovery job trade memo lecture learn note.pdf 31 MB

Qualifications/Certifications

Academic Level of Qualification Bachelors	Study Fields Energy studies
Name Of Degree/Diploma (e.g. PhD) engineering	Institution South African Qualifications Authority (SAQA)
Fulltime Yes	Distinction N/A
Date of First Registration 2024-03-14	Completed Yes
Highest Qualification Yes	Date Obtained 2025-04-11
Academic Record/Transcript Professional Resume_CV - Atlantic International University 2.pdf	

Research Expertise

Scientific Domain

Engineering

Primary Research Fields

Engineering sciences	Technologies and applied sciences

Secondary Research Fields

Electrical Engineering	Education
Information and library science	

Field Of Specialisation

African environment	Additive manufacturing
Industrial and economic sociology	Analytical Environmental Chemistry
Applied Chemistry - Membrane Technology	Nanostructured materials and packaging
Materials science and Engineering	4th Industrial Revolution in the Construction Industry
Structural Geology	African oral literature

Research Outputs

Summary

	2026	2025	2024	2023	2022	2021	2020	2019	2018	Total
Articles in Refereed/Peer-reviewed Journals	0	0	0	0	0	1	0	0	0	1

Articles in Refereed/Peer-reviewed Journals

Output Title
Conservative and Semismooth Derivatives are Equivalent for Semialgebraic Maps

Title of Journal Set-Valued and Variational Analysis	Authors Damek Davis, Dmitriy Drusvyatskiy
Status Published/produced	Year 2021

DOI
10.1007/s11228-021-00594-0

Output Title
master education technology rural implentation framework

ISBN Number 520-03-123456	Title of Journal master education technology rural career thes
Volume 1900	Authors tshingombe
Status Attended	Publisher atlantic
DOI research thesist master doctoral	

Refereed/Peer-reviewed Conference Outputs

Output Title
https://github.com/Kananga5/Curriculum-section-1-1.1-Thesis.-Degree-honor-council-quality-rules-low-become-justice

ISBN Number 520	Contribution Title engineering ts
Proceeding Title research thesis	Authors tshingombe tshitadi
Status Attended	Country USA

Student Supervision

Title Mr	Initials tsh
Surname tshingombe	Citizenship Status South African citizen
Race African	Gender Man
Institution South African Qualifications Authority (SAQA)	Level Honours
Name Of Degree/Diploma (e.g. PhD) tshingmbe	Is Fulltime Yes
Supervised From 2025	Supervised To 2025
Role Supervisor	Year First Registration 2023

Is Completed Yes	Year Awarded 2025

Personal Details

Citizenship Status Non-South African citizen	Country Democratic Republic of Congo
Country Of Birth Democratic Republic of Congo	Designation engineering tshingombe
Gender Male	Identity Number tircgog0091616
Identity Type Passport Number	Institution South African Qualifications Authority (SAQA)
Institution Country Democratic Republic of Congo	Institution Type South Africa
Passport Expiry 23-Apr-2026 12:00:00 AM	Position engineering
Race African	Research Expertise Curriculum Policy and Management
Research Expertise Type Field of Specialisation	